

Abstract

The method relates to a method of converting heat energy generated in an evaporator (6) to mechanical energy by expanding an evaporated working fluid which is evaporated in the evaporator (6) and expanded in an expansion device (2).

- 5 According to the invention it is provided that the expansion is in a low-pressure expansion device which is formed as a roots blower (2), in which the working fluid is expanded and thereby heat energy is converted to mechanical energy.

Fig. 1